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(71) Applicant (for all designated States except US): BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED [GB/GB]; Globe House, 1 Water Street, London WC2R 3LA (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): GRZONKA, Horst [DE/DE]; Brauergasse 1 (Obernsees), 95490 Mistelgau (DE).

(74) Agent: WALFORD, Margot, Ruth; British American Tobacco R &amp; D Centre, Patents Department, Regents Park Road, Southampton SO15 8TL (GB).

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## Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

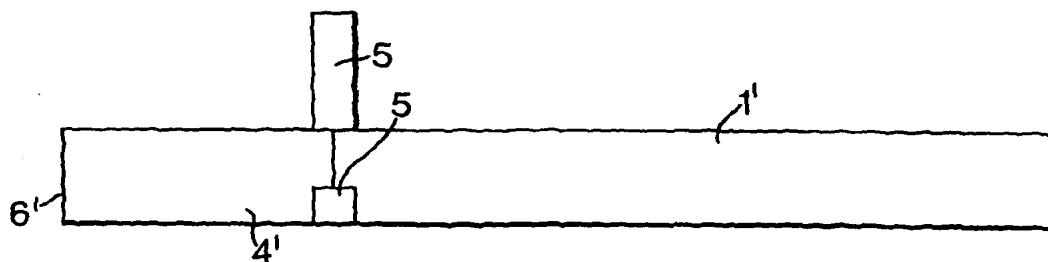
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVEMENTS RELATING TO FILTER-TIP CIGARETTES AND METHOD OF MANUFACTURING SAME



(57) Abstract: The invention relates to a filter-tip cigarette with a tobacco rod (1) wrapped in a cigarette paper and a filter (6) wrapped along its length in tipping paper (4) or other wrapper being other than plugwrap, and a strip of material (5) fully covering the tipping paper of the filter and the cigarette paper of the wrapped tobacco rod in the region of the abutment between tobacco rod and filter bonds together the filter and tobacco rod. In addition, the invention relates to a process for the manufacture of such a filter, which may also be employed for the manufacture of 'double unit cigarettes'.

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/03430

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A24D3/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A24D A24C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 53037 A (CLARKE PAUL FRANCIS ;AMERICAN FILTRONA CORP (GB)) 14 September 2000 (2000-09-14) page 6, line 21 -page 7, line 5; figures  page 9, line 3 - line 5 ---	1-4,7,8, 10,24
Y	US 4 675 064 A (BERGER RICHARD M) 23 June 1987 (1987-06-23) column 3, line 26 -column 4, line 49; figures ---	11-18, 20,22
X	US 4 387 728 A (REYNOLDS MARTIN L ET AL) 14 June 1983 (1983-06-14) column 2, line 56 -column 3, line 13; figures ---	1-4,7,8, 10,24 11-18
X	US 4 387 728 A (REYNOLDS MARTIN L ET AL) 14 June 1983 (1983-06-14) column 2, line 56 -column 3, line 13; figures ---	1-4,24 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax (+31-70) 340-3016

Authorized officer

MARZANO MONTERO., M

## INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 372 692 A (MOLINS LTD) 6 November 1974 (1974-11-06) page 2, line 62 - line 114 ----	1,3,4,9, 24
Y	WO 01 41590 A (BRITISH AMERICAN TOBACCO CO ;MCADAM KEVIN GERARD (GB); TIMMS NICHO 14 June 2001 (2001-06-14) cited in the application the whole document ----	11-17
Y	GB 1 019 092 A (DESMOND WALTER MOLINS;MOLINS ORGANISATION LTD; TOM ROWLANDS) 2 February 1966 (1966-02-02) cited in the application the whole document ----	18,20,22
X	US 5 662 126 A (CHARLTON JOHN ET AL) 2 September 1997 (1997-09-02) column 3, line 4 - line 48; examples ----	19
A	US 4 552 158 A (BERGER RICHARD M) 12 November 1985 (1985-11-12) column 4, line 29 -column 5, line 4; figures 3,4 ----	1-9,24
A	US 6 302 114 B1 (CLARKE PAUL FRANCIS ET AL) 16 October 2001 (2001-10-16) the whole document ----	19

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/03430

### Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-18, 20-24

A filter cigarette and a method for manufacturing the same, whereby the filter is connected to the tobacco rod by a strip of material and the filter is plugged in a paper which is different than the conventional plugwrap.

2. Claim : 19

A method for manufacturing a filter tip cigarette comprising the steps of producing a filter being wrapped in a paper which is not the conventional plugwrap and whereby particulate material is attached thereto.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB 03/03430

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Information on patent family members

International application No

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